

# Method and apparatus for wireless communication in a high velocity environment

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Abstract not available for JP 2006512874 (T)

Abstract of corresponding document: **US 2005020203 (A1)**

A communication system transitions from a high velocity mode of operation to a non-high velocity mode of operation based on a movement of a mobile station. When the communication system is in a high velocity mode of operation, the communication system promotes pilots from a High Velocity Neighbor Set of the mobile station or a controller. When the communication system is in a non-high velocity mode of operation, the communication system promotes pilots from a Neighbor Set of the mobile station or the controller. The communication system may further include a high velocity repeater that, when co-located with the mobile station, is capable of providing a communication link between the mobile station and a radio access network servicing the mobile station.

